

## ABSTRACT

The invention relates to an axle assembly of a non-trackbound curve-tilting vehicle. Said axle assembly comprises a lower dual-arm cross-bar (2) that can be pivoted about a lower medium longitudinal axis (1) of a frame or body (100) of the vehicle and that has an arm that is associated with the right vehicle side and an arm that is associated with the left vehicle side. An upper dual-arm cross-bar (3) can be pivoted about an upper medium longitudinal axis (3) of the frame or body (100) of the vehicle and has an arm that is associated with the right vehicle side an arm that is associated with the left vehicle side. A right-hand support part (5) is hinged on the right vehicle side to the free ends of the right arms of the cross-bars (2,4). A left-hand support part (6) is hinged on the left vehicle side to the free ends of the left arms of the cross-bars (2,4). The assembly also comprises a spring-mounted wheel suspension (7) of a right-hand wheel on the right-hand support part (5) and a spring-mounted wheel suspension (8) of a left-hand wheel on the left-hand support part (6).